









Work Order ID 70112



Friday, May 27, 2011 7:54:34 AM





Page 1

Item ID: D2989-043 Accept  Setup Start 
Revision ID: Stop 
Item Name: Basket Lid Assembly
Start Date: 5/27/2011 Start Qty: 1.00  Cust Item ID:
Required Date: 6/3/2011 Req'd Qty: 1.00  Customer:
Reference:

Approvals: Process Plan:  Date: 11-05-27 Tooling: Date: Run Start 
QC: Date: SPC (Y/N): Date: Stop 

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2989	Rev D								
100	Large Fab	0.00							
	Large Fab	0.00							
Large Fab	Memo								
	1- assemble all ribs in DT9446 jig, weld as per dwg D2989								
	2- tack weld mesh on basket as per dwg D2989 using DT9446 jig								
	3- to locate hinges and shims use D2989-041, weld as per dwg D2989								
	A/R ER316 S.S. Rod Batch: M115928								
110	QC9- Inspect visual per QSI004- Fusion Welds	0.00							
	QC	0.00							
Quality Control									

 11-06-28 11-06-28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 70112

Friday, May 27, 2011 7:54:34 AM



Page 2

Item ID: D2989-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Lid Assembly

Start Date: 5/27/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 6/3/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120



QC

Quality Control

QC6- Inspect dimensions to drawing

0.00

0.00

Memo

Subsets



125



HandFinish

Hand Finishing

Pressure Wash per QS1005 4.3

0.00

0.00

Memo

H P M-14/06/28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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NOTE: Date & initial all entries

Friday, May 27, 2011 7:54:34 AM

Page 3

[illegible]**Setup Start**

Stop

[illegible]**Cust Item ID:**

Customer:

Reference:

Run Start



Approvals: **Process Plan:** **Date:** **Tooling:** **Date:**

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00



Powdercoat

Memo

0.00

Powder Coating

1- Plug holes prior to powder coating

2-Powder Coat White (Ref. 4.3.5.2) D2989-041 as per QSI 005 4.3 & Dwg D2989

1ST COAT

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

*****2nd coach if necessary*****

2ND COAT:

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

QC3- Inspect Part Finish

0.00



OC

Memo

0.00

Quality Control

ND m. 11/06/28

M 117745

2:45
2:40
coal if necessary*****

I of the local area

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 70112

Friday, May 27, 2011 7:54:34 AM



Page 4

Item ID: D2989-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Lid Assembly

Start Date: 5/27/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 6/3/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

150

Identify as per dwg & Stock Location:

G-A

0.00



Packaging

Memo

W/O

0.00

Packaging

69766

CB/06/29 @

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/06/29 J

MR
11-06-29

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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NOTE: Date & initial all entries

Picklist Print

Friday, May 27, 2011 7:54:41 AM

Page 1

Work Order ID: 70112

Parent Item: D2989-043

Parent Item Name: Basket Lid Assembly

Start Date: 5/27/2011


Required Date: 6/3/2011

Start Qty: 1.00


Required Qty: 1.00

Comments: IPP Rev:I Removed D2989-041 05-11-03 JLM
 IPP Rev:J 08-08-29 revC as per dwg DD verified by:EC
 IPP Rev:K 08-09-24 plug holes prior to powder coating DD verified by:EC
 IPP Rev:L 08-12-02 revD as per dwg DD verified by:


Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2221-1  Rib		Manufactured	No			100	Each	22.0000	1	1			
--	--	--------------	----	--	--	-----	------	---------	---	---	--	--	--

Location	Loc Qty	Loc Code
WA	12	
69261	12	
WA006	10	
67465	10	

D2989-3  Rib		Manufactured	No			100	Each	3.0000	1	1			
--	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location	Loc Qty	Loc Code
WA	2	
69113	2	
WA005	1	
66917	1	

D2989-4  Rib		Manufactured	No			100	Each	3.0000	1	1			
--	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location	Loc Qty	Loc Code
WA	2	
69112	2	
WA005	1	
66916	1	

Pl 11-06-27

Pl 11-06-27

B70131 (X)

Pl 11-06-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Friday, May 27, 2011 7:54:41 AM

Work Order ID: 70112

Parent Item: D2989-043

Parent Item Name: Basket Lid Assembly

Start Date: 5/27/2011

Required Date: 6/3/2011

Start Qty: 1.00

Required Qty: 1.00

D2989-5

Manufactured No

100 Each

4.0000

2 2



Rib

Location

Loc Qty

Loc Code

WA

4

69111

4

D3182-1

Manufactured No

100 Each

8.0000

2 2



Hinge

Location

Loc Qty

Loc Code

WA005

8

67347

2

69127

6

D3442-3

Manufactured No

100 Each

7.0000

2 2



Shim

Location

Loc Qty

Loc Code

WA

4

67426

4

WA005

3

66912

3

D3827-041

Manufactured No

100 Each

9.0000

1 1



Rib Assembly (Inboard)

Location

Loc Qty

Loc Code

WA

6

69114

6

WA006

3

67275

3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Friday, May 27, 2011 7:54:42 AM

Page 3

Work Order ID: 70112

Parent Item: D2989-043




Parent Item Name: Basket Lid Assembly

Start Date: 5/27/2011

Required Date: 6/3/2011

Start Qty: 1.00

Required Qty: 1.00

D3832-5	Manufactured	No	100	Each	5.0000	1	1		
									
Mesh (Lid)									

Friday, May 27, 2011 7:54:42 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

D2989-043 BASKET LID ASSEMBLY
(MESH SHOWN LOCALLY FOR CLARITY)

D2989-041 BASKET LID ASSEMBLY
(MESH SHOWN LOCALLY FOR CLARITY)

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4
SPRAY PAINT INSIDE SURFACE BLACK PRIOR TO APPLYING ANTI-SKID
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: D2989-041 = 26.50 lbs; D2989-043 = 15.50 lbs
 - 8) WELD PER DART QSI 004

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 70112
PL1105-27

ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
1	X		D2989-041	BASKET LID ASSEMBLY
2		X	D2989-043	BASKET LID ASSEMBLY
3	1		D2506	LABEL PLATE
4	1		D2512-7	RIB
5	2		D2581	MOUNTING BRACKET ✓
6		1	D2989-3	RIB
7		1	D2989-4	RIB
8		2	D2989-5	RIB
9	2		D2989-13	RIB
10	2	1	D2989-17	RIB
11	2		D2989-19	RIB
12		2	D3182-1	HINGE
13		2	D3442-3	SHIM
14		1	D3827-041	RIB ASSY (INBOARD)
15	1		D3832-3	MESH, BASKET LID
16		1	D3832-5	MESH, BASKET LID
17	2		D3833-3	MESH, LID END
18		2	D3833-5	MESH, LID END
19	1		D3836-041	RIB ASSY (BASKET LID, LH)
20	1		D3836-042	RIB ASSY (BASKET LID, RH)
21		1	D3838-041	RIB ASSY (BASKET LID, LH)
22		1	D3838-042	RIB ASSY (BASKET LID, RH)
23	1		D3852-041	RIB ASSEMBLY
24	1		D3852-042	RIB ASSEMBLY

RELEASED
08/11/18 MTD

D	REVISED -041/-043 PARTS LISTS AND ADDED "ITEM" COLUMN TO PARTS LIST (ZN D3-1); D3836-041 REPLACES D2989-9/-15; D3836-042 REPLACES D2989-10/-15; D3838-041 REPLACES D2989-1/-7; D3838-042 REPLACES D2989-2/-7; D3852-041 REPLACES D2989-11; D3852-042 REPLACES D2989-2; REMOVED D2327-3 (NOW INSTALLED ON D3836 DWG), D2989-9/-10 (NOW ON D3836 DWG), D2989-1/-2/-7/-15 (NOW ON D3836 DWG) AND D2989-11/-12 (NOW ON D3852 DWG). REASON: TO SATISFY "LEAN MANUFACTURING" PROGRAM	MB	08.09.24
C	FRAME MATERIAL WAS 0.060 WALL; MESH MATERIAL UPDATED; DRAWING TRANSFERRED TO "B" FORMAT AND CURRENT DRAFTING STANDARD	AJS	08.06.20
B	ADD SHIM UNDER HINGES, UPDATE LID DIMENSIONS	PH	05.06.07
A	NEW ISSUE	DS	00.10.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.		D2989	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY	NTS
DATE	08.09.24	COPYRIGHT © 2000 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

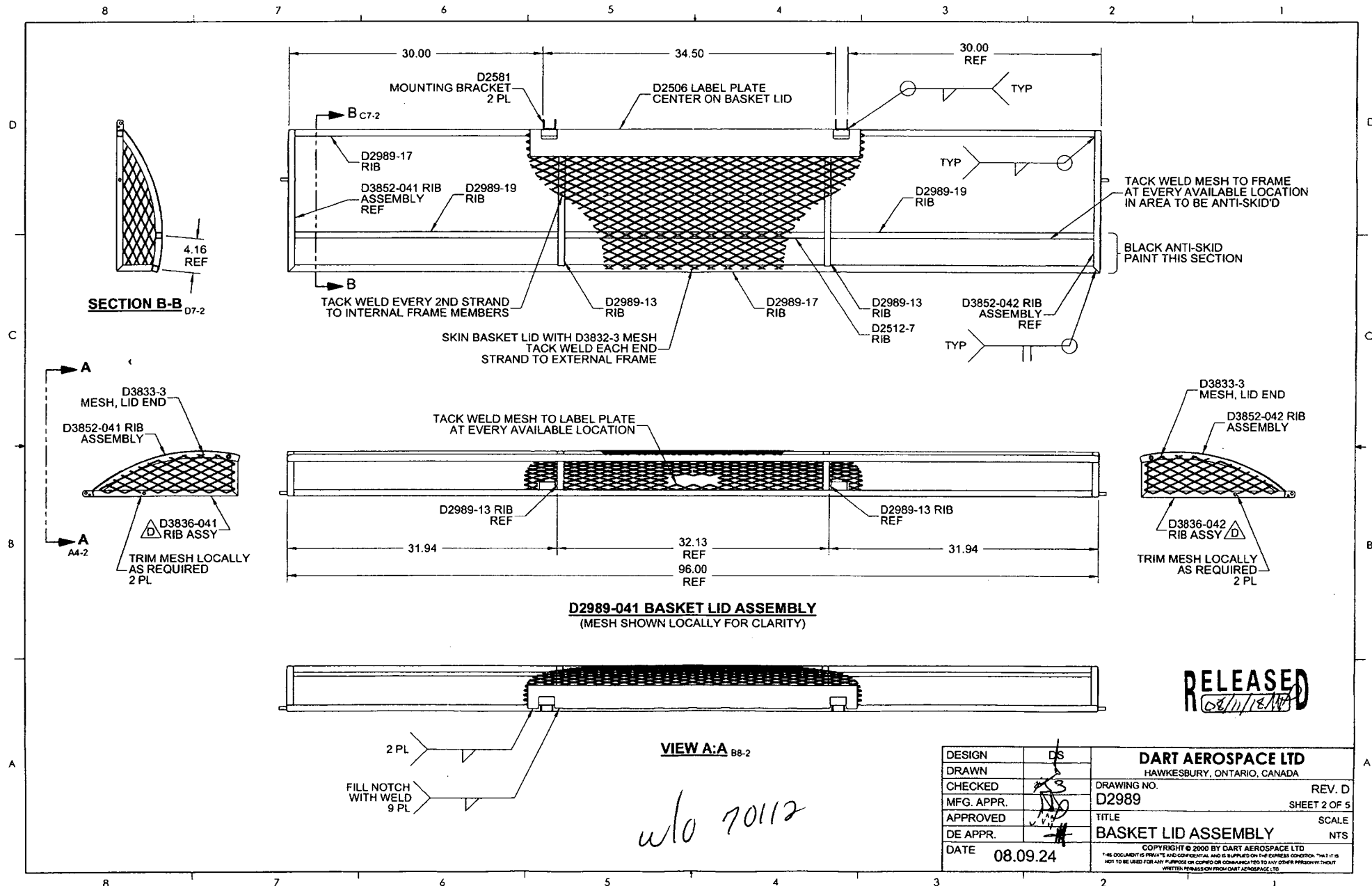
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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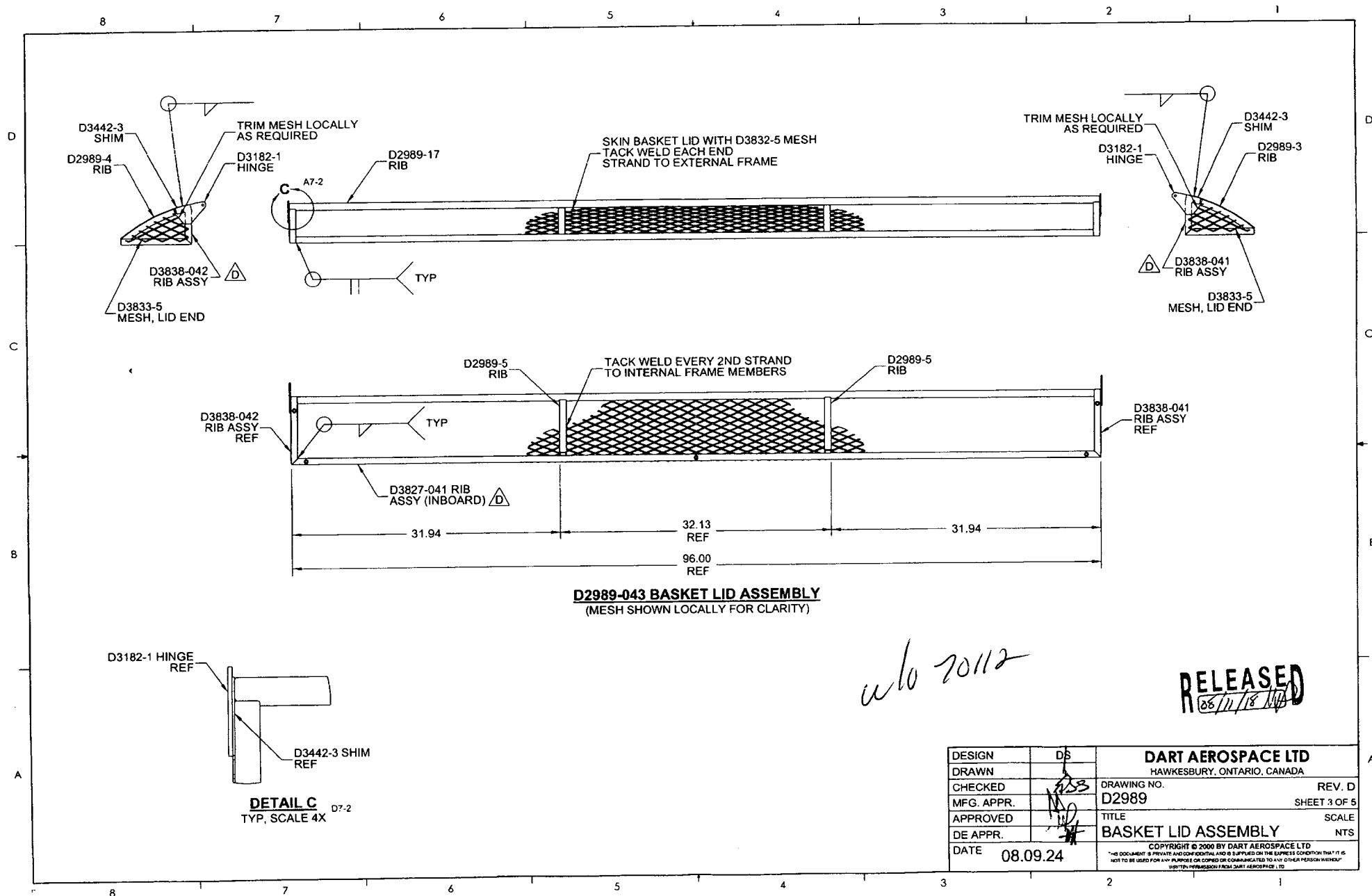
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NOTE: Date & initial all entries



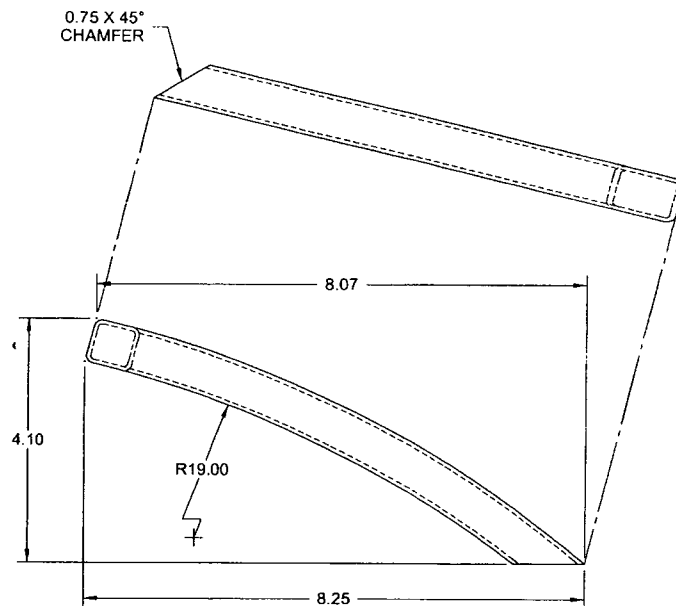
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

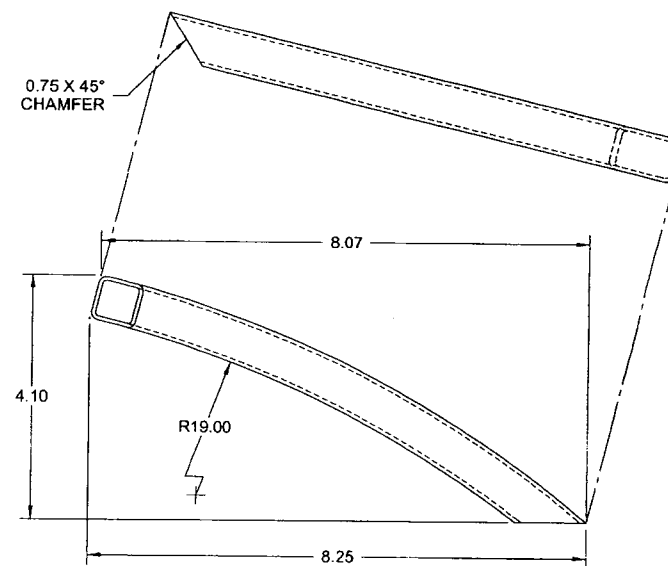
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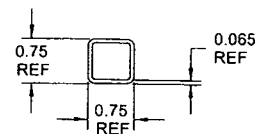
NOTE: Date & initial all entries



D2989-3 RIB



D2989-4 RIB



**TYPICAL SECTION
VIEW**

- NOTES:**
- 1) MATERIAL: D3166-3 BASKET HOOP
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 8) WEIGHT: D2989-3/-4 = 0.39 lbs;

w/o 70112

RELEASED
08/11/18/19

DESIGN	DS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D2989	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY	NTS
DATE	08.09.24	<small>COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

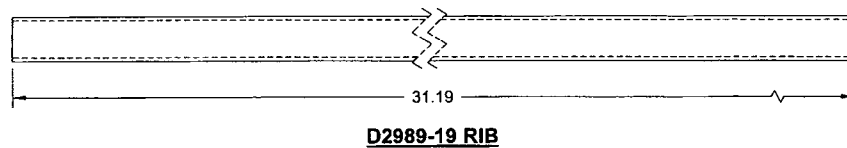
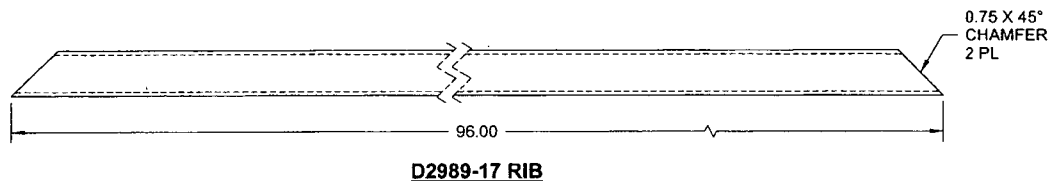
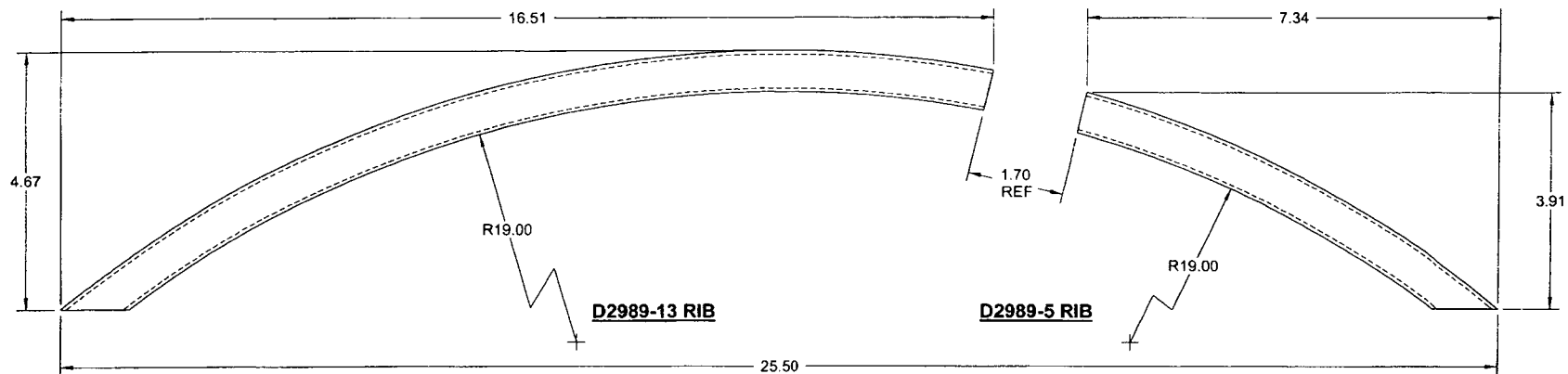
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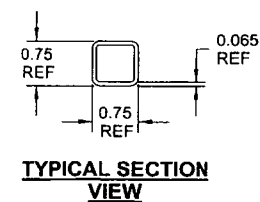
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u/o 70112



RELEASED
8/11/18

- NOTES:**
 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL
 REF. DART SPEC. M304TS0.750W0.065
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: N/A
 8) WEIGHT: D2989-5 = 0.37 lbs; D2989-13 = 0.81 lbs; D2989-17 = 4.57 lbs; D2989-19 = 1.50 lbs

DESIGN	DS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO. D2989	REV. D
MFG. APPR.	<i>[Signature]</i>		SHEET 5 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BASKET LID ASSEMBLY	NTS
DATE	08.09.24	<small>COPYRIGHT © 2000 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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